EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	428/310.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/26 13:20
L4	631	156/78.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/26 13:20
L5	10	L4 and gear with pump	US-PGPUB; USPAT	OR	OFF	2008/11/26 13:21
L6	682	239/124.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/26 13:22
L7	28	L6 and gear with pump	US-PGPUB; USPAT	OR	OFF	2008/11/26 13:22
L8	5	("1791012" | "3258054" | "4718602").PN. OR ("6012646").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 13:30
L9	3	("1791012").URPN.	USPAT	OR	OFF	2008/11/26 13:32
L10	221	239/126.ccls.	USPAT	OR	OFF	2008/11/26 13:32
L11	58	L10 and pump	USPAT	OR	OFF	2008/11/26 13:32
L12	883	222/318.ccls.	USPAT	OR	OFF	2008/11/26 13:35
L13	58	L12 and return adj line	USPAT	OR	OFF	2008/11/26 13:35
L14	782	sunao.in.	USPAT	OR	OFF	2008/11/26 13:38
L15	30	L14 and hashimoto	USPAT	OR	OFF	2008/11/26 13:38
L16	54	L14 and pump	USPAT	OR	OFF	2008/11/26 13:39
L17	1	"02218465"	USPAT	OR	OFF	2008/11/26 13:47
L18	4	"02218465"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/26 13:48
L19	283	L12 and pump	USPAT	OR	OFF	2008/11/26 13:48
L21	601	222/190.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/26 14:06
L22	232	L21 and pump	US-PGPUB; USPAT	OR	OFF	2008/11/26 14:06
L23	5	L21 and return adj line	US-PGPUB; USPAT	OR	OFF	2008/11/26 14:15

L24	27	("2011333" | "2616445" | "3806037" | "3892339" | "4059466" | "4059714" | "4200207" | "4237922"). PN. OR ("4535919").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 14:15
L25	48	("3545650" | "3745735" | "3835885" | "4050896" | "4059466" | "4059714" | "4154537" | "4200207" | "4227409" | "4301119" | "4371096" | "4376172" | "4405063" | "4535919"). PN. OR ("4779762").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 14:16
L26	79	("1483225" | "1511765" | "1585255" | "3025464" | "3133437" | "3314005" | "3751644" | "3764069" | "3774238" | "3778705" | "3933285" | "4059466" | "4059714" | "4156754" | "4174498" | "4181881" | "4193745" | "4200207" | "4247581" | "4259402" | "4288741" | "4301119" | "4371096" | "4405063" | "4407431" | "4423161" | "4505406" | "4505957" | "4527712" | "4553701" | "4601645" | "4630774" | "4632314" | "4654802" | "4774680" | "4778631" | "4779762" | "4809129" | "4882107" | "4912381" | "4923720" | "4939468" | "5009367" | "5027742" | "5057342").PN. OR ("5197800").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 14:17
L27	30	(US-4779762-$ or US-6607104-$ or US-6538040-$ or US-5683036-$ or US-5533675-$ or US-5407132-$ or US-4535919-$ or US-4527712-$ or US-4371096-$ or US-6131770-$ or US-5685911-$ or US-5984280-$ or US-4601645-$ or US-5443796-$ or US-5407267-$ or US-5215253-$ or US-4200207-$ or US-5490726-$ or US-4059714-$ or US-5464283-$ or US-4246230-$ or US-2669256-$ or US-2632470-$ or US-4679710-$ or US-5494112-$ or US-3889850-$).did. or (US-2800365-$ or US-6012646-$ or US-5121714-$).did. or	USPAT; USOCR	OR	OFF	2008/11/26 14:18

		(US-2800365-$).did.				
L28	1572	L27 and (return adj line) or (recirculation adj path)	US-PGPUB; USPAT	OR	OFF	2008/11/26 14:18
L29	11	L27 and ((return adj line) or (recirculation adj path))	US-PGPUB; USPAT	OR	OFF	2008/11/26 14:18
L30	1	"6131770".pn.	US-PGPUB; USPAT	OR	OFF	2008/11/26 14:37
L31	0	L30 and gas	US-PGPUB; USPAT	OR	OFF	2008/11/26 14:37
L32	0	L30 and return	US-PGPUB; USPAT	OR	OFF	2008/11/26 14:38
L33	1	L30 and line	US-PGPUB; USPAT	OR	OFF	2008/11/26 14:38
L34	25	("1733635" | "2632470" | "2669256" | "2800252" | "2998164" | "3049267" | "4474311" | "4642040" | "4666066" | "4682710" | "4898527" | "5061170" | "5680963" | "5699938"). PN. OR ("6131770").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 14:45
L35	2	"2669256".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:04
L36	0	L35 and return	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:04
L37	1	L35 and line	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:05
L38	1	("2669256").URPN.	USPAT	OR	OFF	2008/11/26 15:09
L39	25	("1733635" | "2632470" | "2669256" | "2800252" | "2998164" | "3049267" | "4474311" | "4642040" | "4666066" | "4682710" | "4898527" | "5061170" | "5680963" | "5699938"). PN. OR ("6131770").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:09
L40	42140	(gear with pump)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:10
L41	1473056	(gear with pump) or motor	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:10
L42	705446	adhesive	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:10
L43	44219	(return adj line) or (recirculation adj line)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:10
L44	109	L40 and L41 and L42 and L43	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:11
L45	1120434	(return adj line) or (recirculation adj line) or (circulation loop)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:18

L46	933	L40 and L41 and L42 and L45	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:18
L47	42140	(gear with pump)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:19
L48	933	L40 and L47 and L42 and L45	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:19
L49	46880	(return adj line) or (recirculation adj line) or (circulation adj loop)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:19
L50	143	L40 and L47 and L42 and L49	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:19
L51	39	L40 and L47 and L42 and L49 and bubbles	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/26 15:24
L52	1354	bubble with line with pump	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 15:27
L53	16	bubble with line with (gear adj pump)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/26 15:27
L54	17	("3182596").URPN.	USPAT	OR	OFF	2008/11/26 15:28
L55	367	222/255.ccls.	USPAT	OR	OFF	2008/11/26 15:30
L56	9	L55 and (gear adj pump)	USPAT	OR	OFF	2008/11/26 15:31
L57	1	"4200207".pn.	USPAT	OR	OFF	2008/11/26 15:57
L58	1	"4535919".pn.	USPAT	OR	OFF	2008/11/26 16:02
L59	18	"4,535,919"	USPAT	OR	OFF	2008/11/26 16:04
L60	1	"4,535,919".pn.	USPAT	OR	OFF	2008/11/26 16:04
L61	1	"4779762".pn.	USPAT	OR	OFF	2008/11/26 16:04
S1	600	222/190.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/21 09:41
S2	0	("2007/0090130").URPN.	USPAT	OR	OFF	2008/11/21 09:46
S3	77	S1 and compression	USPAT	OR	OFF	2008/11/21 09:46
S4	6	JP-2218465-$.DID. OR JP-6377568-$.DID. OR US-4779762-$.DID. OR JP-5317645-$.DID. OR US-4059714-$.DID. OR US-1562562-$.DID. OR DE-2733847-$.DID. OR US-2361453-$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 09:48

S5	8	JP-2218465-$.DID. OR JP-6377568-$.DID. OR US-4779762-$.DID. OR JP-5317645-$.DID. OR US-4059714-$.DID. OR US-1562562-$.DID. OR DE-2733847-$.DID. OR US-2361453-$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/21 09:49
S6	124	("2324116" | "3415714" | "3545650" | "3662927" | "3745735" | "3792801" | "3835885" | "3942687" | "3945535" | "4050896" | "4059466" | "4059714" | "4154537" | "4200207" | "4227409" | "4301119" | "4371096" | "4376172" | "4405063" | "4535919").PN. OR ("1562562" | "2361453" | "4059714" | "4779762").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 09:50
S7	318	("0328134" | "0999789" | "1483225" | "1511765" | "1585255" | "1747581" | "2011333" | "2517049" | "2590442" | "2592481" | "2616445" | "2640208" | "2763575" | "2800365" | "2862511" | "2980339" | "3199787" | "3229077" | "3429480" | "3436446" | "3545650" | "3578527" | "3595204" | "3651989" | "3672570" | "3745735" | "3750955" | "3751644" | "3764069" | "3777935" | "3800985" | "3806037" | "3806289" | "3820718" | "3825379" | "3835885" | "3870233" | "3888722" | "3892339" | "3908862" | "3921901" | "3953626" | "3956057" | "3967634" | "3972759" | "4011122" | "4019653" | "4045185" | "4046287" | "4047861" | "4050896" | "4059466" | "4059714" | "4061536" | "4067484" | "4081301" | "4116364" | "4128667" | "4133970" | "4154368" | "4154537" | "4156398" | "4156754" | "4193745" | "4200207" | "4227409" | "4237922" | "4246230" | "4247581" | "4259402" | "4265858" | "4288741" | "4289330" | "4294411" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 10:19

"4301119" | "4337318" |
"4350266" | "4371096" |
"4371195" | "4376172" |
"4377985" | "4396529" |
"4405063" | "4408562" |
"4423161" | "4476165" |
"4478631" | "4483463" |
"4496617" | "4505405" |
"4505406" | "4505957" |
"4512945" | "4516725" |
"4522789" | "4527712" |
"4535919" | "4553701" |
"4592657" | "4601645" |
"4627465" | "4630774" |
"4632314" | "4654802" |
"4657047" | "4687137" |
"4705461" | "4711683" |
"4714647" | "4717582" |
"4720252" | "4734451" |
"4735169" | "4746545" |
"4750956" | "4753819" |
"4774109" | "4778631" |
"4779762" | "4791142" |
"4815660" | "4818464" |
"4822640" | "4830055" |
"4836440").PN. OR
("4844342" | "4850514" |
"4860514" | "4874451" |
"4880663" | "4882107" |
"4891249" | "4894277" |
"4900390" | "4900593" |
"4906492" | "4915881" |
"4948053" | "4954059" |
"4957783" | "4961536" |
"4980085" | "4983109" |
"4983424" | "4984949" |
"5000112" | "5012980" |
"5016812" | "5027742" |
"5057342" | "5058805" |
"5066428" | "5080569" |
"5088443" | "5098194" |
"5106659" | "5115972" |
"5141156" | "5145689" |
"5197800" | "5203843" |
"5209410" | "5211342" |
"5236641" | "5260003" |
"5269670" | "5286182" |
"5354378" | "5421921" |
"5480597" | "5862986" |
"5874031" | "5984280" |
"6089413" | "6131770" |
"6334554" | "Re33481").
PN. OR ("4371096" |
"4527712" | "4535919" |
"4779762" | "5407132" |
"5533675" | "5683036" |
"5685911" | "6538040" |
"6607104").URPN.

S8	11	(US-4779762-$ or US-6607104-$ or US-6538040-$ or US-5683036-$ or US-5533675-$ or US-5407132-$ or US-4535919-$ or US-4527712-$ or US-4371096-$ or US-6131770-$ or US-5685911-$).did.	USPAT	OR	OFF	2008/11/21 11:31
S9	6	S8 and gas	US-PGPUB; USPAT	OR	OFF	2008/11/21 11:32
S10	1	S8 and gas and suction	US-PGPUB; USPAT	OR	OFF	2008/11/21 11:32
S11	6	S8 and mix$3	US-PGPUB; USPAT	OR	OFF	2008/11/21 11:47
S12	1	"4371096".pn. and "34"	US-PGPUB; USPAT	OR	OFF	2008/11/21 12:01
S13	318	("0328134" | "0999789" | "1483225" | "1511765" | "1585255" | "1747581" | "2011333" | "2517049" | "2590442" | "2592481" | "2616445" | "2640208" | "2763575" | "2800365" | "2862511" | "2980339" | "3199787" | "3229077" | "3429480" | "3436446" | "3545650" | "3578527" | "3595204" | "3651989" | "3672570" | "3745735" | "3750955" | "3751644" | "3764069" | "3777935" | "3800985" | "3806037" | "3806289" | "3820718" | "3825379" | "3835885" | "3870233" | "3888722" | "3892339" | "3908862" | "3921901" | "3953626" | "3956057" | "3967634" | "3972759" | "4011122" | "4019653" | "4045185" | "4046287" | "4047861" | "4050896" | "4059466" | "4059714" | "4061536" | "4067484" | "4081301" | "4116364" | "4128667" | "4133970" | "4154368" | "4154537" | "4156398" | "4156754" | "4193745" | "4200207" | "4227409" | "4237922" | "4246230" | "4247581" | "4259402" | "4265858" | "4288741" | "4289330" | "4294411" | "4301119" | "4337318" | "4350266" | "4371096" | "4371195" | "4376172" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 13:11

"4377985" | "4396529" |
"4405063" | "4408562" |
"4423161" | "4476165" |
"4478631" | "4483463" |
"4496617" | "4505405" |
"4505406" | "4505957" |
"4512945" | "4516725" |
"4522789" | "4527712" |
"4535919" | "4553701" |
"4592657" | "4601645" |
"4627465" | "4630774" |
"4632314" | "4654802" |
"4657047" | "4687137" |
"4705461" | "4711683" |
"4714647" | "4717582" |
"4720252" | "4734451" |
"4735169" | "4746545" |
"4750956" | "4753819" |
"4774109" | "4778631" |
"4779762" | "4791142" |
"4815660" | "4818464" |
"4822640" | "4830055" |
"4836440").PN. OR
("4844342" | "4850514" |
"4860514" | "4874451" |
"4880663" | "4882107" |
"4891249" | "4894277" |
"4900390" | "4900593" |
"4906492" | "4915881" |
"4948053" | "4954059" |
"4957783" | "4961536" |
"4980085" | "4983109" |
"4983424" | "4984949" |
"5000112" | "5012980" |
"5016812" | "5027742" |
"5057342" | "5058805" |
"5066428" | "5080569" |
"5088443" | "5098194" |
"5106659" | "5115972" |
"5141156" | "5145689" |
"5197800" | "5203843" |
"5209410" | "5211342" |
"5236641" | "5260003" |
"5269670" | "5286182" |
"5354378" | "5421921" |
"5480597" | "5862986" |
"5874031" | "5984280" |
"6089413" | "6131770" |
"6334554" | "Re33481").
PN. OR ("4371096" |
"4527712" | "4535919" |
"4779762" | "5407132" |
"5533675" | "5683036" |
"5685911" | "6538040" |
"6607104").URPN.

S14	9	S13 and gas with suction	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:11

S15	11	("4059714" | "4337318" | "4601645" | "4632314" | "4778631" | "4791142" | "4915881" | "5066428"). PN. OR ("5984280").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 13:13
S16	15	("4193745" | "4264214"). PN. OR ("4601645").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 13:17
S17	15	(US-4779762-$ or US-6607104-$ or US-6538040-$ or US-5683036-$ or US-5533675-$ or US-5407132-$ or US-4535919-$ or US-4527712-$ or US-4371096-$ or US-6131770-$ or US-5685911-$ or US-5984280-$ or US-4601645-$ or US-5443796-$ or US-5407267-$).did.	USPAT	OR	OFF	2008/11/21 13:20
S18	4	S17 and suction	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:20
S19	22	"2218465"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/21 13:27
S20	2	S17 and bubble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/21 13:47
S21	41	S13 and bubble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/21 13:49
S22	16	(US-4779762-$ or US-6607104-$ or US-6538040-$ or US-5683036-$ or US-5533675-$ or US-5407132-$ or US-4535919-$ or US-4527712-$ or US-4371096-$ or US-6131770-$ or US-5685911-$ or US-5984280-$ or US-4601645-$ or US-5443796-$ or US-5407267-$ or US-5215253-$).did.	USPAT	OR	OFF	2008/11/21 13:50
S23	242936	bubble$1	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:50
S24	7	S22 and bubble$1	US-PGPUB; USPAT	OR	OFF	2008/11/21 13:50

S25	1	"4535919".pn. and pressure	US-PGPUB; USPAT	OR	OFF	2008/11/21 14:48
S26	1	"4535919".pn. anrotation	US-PGPUB; USPAT	OR	OFF	2008/11/21 15:02
S27	1219403	"4535919".pn. rotation	US-PGPUB; USPAT	OR	OFF	2008/11/21 15:02
S28	0	"4535919".pn. and rotation	US-PGPUB; USPAT	OR	OFF	2008/11/21 15:02
S29	0	"4535919".pn. and independently	US-PGPUB; USPAT	OR	OFF	2008/11/21 15:02
S30	1	"4535919".pn. and shaft	US-PGPUB; USPAT	OR	OFF	2008/11/21 15:02
S31	6	S22 and rotation	US-PGPUB; USPAT	OR	OFF	2008/11/21 15:05
S32	1	"4,200,207".pn.	US-PGPUB; USPAT	OR	OFF	2008/11/21 15:29
S33	43	("2918009" | "3119339" | "3628893" | "3964645" | "4009974" | "4059466" | "4059714").PN. OR ("4200207").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 15:30
S34	1	S32 and bubble	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/21 15:31
S35	1	"4,059,714".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/21 15:33
S36	1	S35 and bubble	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/21 15:33
S37	0	S32 and S35 and suction	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/21 15:36
S38	0	S32 and S35 and gas	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/21 15:37
S39	1	S35 and gas	US-PGPUB; USPAT	OR	OFF	2008/11/21 15:37
S40	86	("2324116" | "3415714" | "3662927" | "3792801" | "3942687" | "3945535").PN. OR ("4059714").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 15:39
S41	7	S40 and suction	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 15:39
S42	1	S35 and mix$3	US-PGPUB; USPAT	OR	OFF	2008/11/21 15:40

S43	24	("3436446" | "3908862" | "4059714" | "4067484" | "4246230" | "4337318" | "4396529" | "4557218" | "4592657" | "4601645" | "4632314" | "4778631" | "4780243" | "4791142" | "4915881" | "4980085" | "5000882" | "5066428" | "5175171" | "5480597" | "5874031" | "5984280" | "6538040").PN. OR ("7338980").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 15:51
S44	1	"6538040".pn. and suction and bubble	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/21 15:56
S45	0	"4371096".pn. and bubble	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/21 15:58
S46	1	"4779762".pn.	US-PGPUB; USPAT	OR	OFF	2008/11/21 16:08
S47	0	S46 and bubble	US-PGPUB; USPAT	OR	ON	2008/11/21 16:08
S48	1	S46 and motor	US-PGPUB; USPAT	OR	ON	2008/11/21 16:14
S49	89	222/50.ccls.	US-PGPUB; USPAT	OR	ON	2008/11/21 16:30
S50	699	222/52.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/21 16:31
S51	390	S50 and first	US-PGPUB; USPAT	OR	OFF	2008/11/21 16:34
S52	30	S50 and bubbles	US-PGPUB; USPAT	OR	OFF	2008/11/21 16:34
S53	63	S50 and adhesive	US-PGPUB; USPAT	OR	OFF	2008/11/21 16:35
S54	607	222/55.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/21 16:36
S55	48	S54 and adhesive	US-PGPUB; USPAT	OR	OFF	2008/11/21 16:37
S56	493	("0328134" | "0999789" | "1483225" | "1511765" | "1585255" | "1626487" | "1733635" | "1747581" | "2011333" | "2324116" | "2517049" | "2527136" | "2590442" | "2592481" | "2616445" | "2632470" | "2640208" | "2669256" | "2763575" | "2800252" | "2800365" | "2862511" | "2918009" | "2980339" | "2998164" | "3025464" | "3038486" | "3049267" | "3062512" | "3119339" | "3133437" | "3199787" |	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/21 16:45

"3229077" | "3314005" |
"3415714" | "3429480" |
"3436446" | "3545650" |
"3578527" | "3595204" |
"3628893" | "3651989" |
"3662927" | "3672570" |
"3709468" | "3745735" |
"3750955" | "3751644" |
"3762428" | "3764069" |
"3770198" | "3774238" |
"3777935" | "3778705" |
"3792801" | "3800985" |
"3806037" | "3806289" |
"3820718" | "3825379" |
"3835885" | "3870233" |
"3888722" | "3892339" |
"3908862" | "3921901" |
"3933285" | "3942687" |
"3945535" | "3953626" |
"3956057" | "3964645" |
"3967634" | "3972759" |
"4009974" | "4011122" |
"4019653" | "4045185" |
"4046287" | "4047861" |
"4050896" | "4059466" |
"4059714" | "4061536" |
"4067484" | "4081301" |
"4116364" | "4128667" |
"4133970" | "4154368" |
"4154537" | "4156398" |
"4156754" | "4174498" |
"4181881" | "4183384" |
"4193745" | "4200207" |
"4209258" | "4227409" |
"4234007" | "4237922" |
"4246230" | "4247581" |
"4250908" | "4259402" |
"4264214" | "4265858" |
"4288741" | "4289330" |
"4294411" | "4301119" |
"4337318" | "4350266" |
"4371096" | "4371195" |
"4376172" | "4377985" |
"4396529" | "4405063" |
"4407431" | "4408562" |
"4423161" | "4433701" |
"4474311").PN. OR
("4476165" | "4478631" |
"4483463" | "4487333" |
"4496617" | "4505405" |
"4505406" | "4505957" |
"4512945" | "4516725" |
"4522789" | "4527712" |
"4535919" | "4553701" |
"4592657" | "4601645" |
"4627465" | "4630774" |
"4632314" | "4642040" |
"4654802" | "4657047" |
"4666066" | "4682710" |

		"4687137" | "4705461" | "4711683" | "4714647" | "4717582" | "4720252" | "4734451" | "4735169" | "4746545" | "4750956" | "4753819" | "4774109" | "4774680" | "4778631" | "4779762" | "4791142" | "4809129" | "4815660" | "4818464" | "4822640" | "4830055" | "4836440" | "4844342" | "4850514" | "4860514" | "4874451" | "4880663" | "4882107" | "4891249" | "4894277" | "4898527" | "4900390" | "4900593" | "4906492" | "4912381" | "4915881" | "4923720" | "4939468" | "4948053" | "4953403" | "4954059" | "4957783" | "4961536" | "4980085" | "4983109" | "4983424" | "4984949" | "5000112" | "5009367" | "5012980" | "5016812" | "5027742" | "5057342" | "5058805" | "5061170" | "5066428" | "5071562" | "5080569" | "5088443" | "5098194" | "5105843" | "5106659" | "5115972" | "5141156" | "5145689" | "5171613" | "5197800" | "5203843" | "5209410" | "5211342" | "5225239" | "5236641" | "5260003" | "5269670" | "5286182" | "5354378" | "5421921" | "5480597" | "5680963" | "5699938" | "5862986" | "5874031" | "5984280" | "6089413" | "6131770" | "6334554" | "Re33481").PN. OR ("4059714" | "4200207" | "4371096" | "4527712" | "4535919" | "4601645" | "4779762" | "5215253" | "5407132" | "5407267" | "5443796" | "5490726" | "5533675" | "5683036" | "5685911" | "5984280" | "6131770" | "6538040" | "6607104").URPN.				
S57	1	("2632470").URPN.	USPAT	OR	OFF	2008/11/21 16:56

S58	23	(US-4779762-$ or US-6607104-$ or US-6538040-$ or US-5683036-$ or US-5533675-$ or US-5407132-$ or US-4535919-$ or US-4527712-$ or US-4371096-$ or US-6131770-$ or US-5685911-$ or US-5984280-$ or US-4601645-$ or US-5443796-$ or US-5407267-$ or US-5215253-$ or US-4200207-$ or US-5490726-$ or US-4059714-$ or US-5464283-$ or US-4246230-$ or US-2669256-$ or US-2632470-$).did.	USPAT	OR	OFF	2008/11/21 17:18
S59	11	S58 and ratio and discharge	US-PGPUB; USPAT	OR	OFF	2008/11/21 17:22
S60	15	S58 and return	US-PGPUB; USPAT	OR	OFF	2008/11/21 17:28
S61	61532	"L28" and return or recirculation	US-PGPUB; USPAT	OR	OFF	2008/11/21 17:29
S62	61325	S58 and return or recirculation	US-PGPUB; USPAT	OR	OFF	2008/11/21 17:29
S63	23	(US-4779762-$ or US-6607104-$ or US-6538040-$ or US-5683036-$ or US-5533675-$ or US-5407132-$ or US-4535919-$ or US-4527712-$ or US-4371096-$ or US-6131770-$ or US-5685911-$ or US-5984280-$ or US-4601645-$ or US-5443796-$ or US-5407267-$ or US-5215253-$ or US-4200207-$ or US-5490726-$ or US-4059714-$ or US-5464283-$ or US-4246230-$ or US-2669256-$ or US-2632470-$).did.	USPAT	OR	OFF	2008/11/24 08:49
S64	17	S63 and ratio	US-PGPUB; USPAT	OR	OFF	2008/11/24 08:49
S65	5	S64 and automatic$4	US-PGPUB; USPAT	OR	OFF	2008/11/24 08:49
S66	18	S63 and gear	US-PGPUB; USPAT	OR	OFF	2008/11/24 08:57
S67	0	S63 and 1/1	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:15
S68	18	S63 and controlled	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:15
S69	18	S63 and valve and controlled	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:15

S70	2	S63 and valve adj controlled	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:15
S71	17	S63 and ratio	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:16
S72	7	S63 and ratio same discharge	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:16
S73	5	S63 and automatically	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:19
S74	600	222/190.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:24
S75	1	S74 and gear with pump with automatically with control$2	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:24
S76	1	S74 and gear with pump with automatically	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:25
S77	1	S74 and gear with pump with value	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:25
S78	1	S74 and gear with pump with discharge	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:25
S79	1	S74 and gear with pump with ratio	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:25
S80	13	S74 and gear with pump	US-PGPUB; USPAT	OR	OFF	2008/11/24 09:26
S81	10	("1013158" | "3965860" | "4059714" | "4200207").PN. OR ("4679710").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 09:27
S82	43	("2918009" | "3119339" | "3628893" | "3964645" | "4009974" | "4059466" | "4059714").PN. OR ("4200207").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 09:29
S83	111	222/225.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 09:50
S84	1	S83 and gear and pump	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 09:50
S85	3	S83 and pump	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 09:51
S86	619	222/255.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 09:51
S87	85	S86 and gear and pump	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:02
S88	23	("4259038" | "4899825" | "5174383" | "5218988").PN. OR ("5494112").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:05
S89	30	S86 and return with line	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:08
S90	0	("2007/0090130").URPN.	USPAT	OR	OFF	2008/11/24 10:12
S91	1488	222/318.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:13

S92	142	S91 and gear same pump	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:13
S93	81	S91 and gear same pump and return and line	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:19
S94	57	S91 and gear same pump and return same line	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:26
S95	0	222.ccls./	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:29
S96	960	222/334.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:29
S97	60	S96 and gear same pump	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:29
S98	37	("2525718" | "2955877" | "3172566" | "3189230" | "3258162" | "3482735" | "3511411" | "3806280" | "3889850" | "4286530" | "4473016" | "4503786" | "4505405" | "4519525" | "4562968" | "4682710" | "4710107" | "4919303" | "4926768" | "5025951" | "5379706" | "5598794" | "5601209" | "5632212"). PN. OR ("6145455").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:29
S99	0	"3889850".ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:30
S100	1	"3889850".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:30
S101	1	S100 and return adj line	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:30
S102	1	"4059714".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:44
S103	1	"4779762".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 10:45
S104	0	428/310.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 11:05
S105	1253	264/46.4.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 11:05
S106	8	S105 and gear same pump	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 11:06
S107	0	222/146.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 11:06
S108	826	156/78.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 11:06
S109	11	S108 and gear same pump	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/24 11:07

S110	27	(US-4779762-$ or US-6607104-$ or US-6538040-$ or US-5683036-$ or US-5533675-$ or US-5407132-$ or US-4535919-$ or US-4527712-$ or US-4371096-$ or US-6131770-$ or US-5685911-$ or US-5984280-$ or US-4601645-$ or US-5443796-$ or US-5407267-$ or US-5215253-$ or US-4200207-$ or US-5490726-$ or US-4059714-$ or US-5464283-$ or US-4246230-$ or US-2669256-$ or US-2632470-$ or US-4679710-$ or US-5494112-$ or US-3889850-$).did. or (US-2800365-$).did.	USPAT; USOCR	OR	OFF	2008/11/24 11:07
S111	7	S110 and ratio same discharge	US-PGPUB; USPAT	OR	OFF	2008/11/24 11:07
S112	1	S111 and return adj line	US-PGPUB; USPAT	OR	OFF	2008/11/24 11:09
S113	7	S111 and ratio	US-PGPUB; USPAT	OR	OFF	2008/11/24 11:15
S114	1	"6609666".pn.	US-PGPUB; USPAT	OR	OFF	2008/11/24 12:53
S115	1	"3437270".pn.	US-PGPUB; USPAT	OR	OFF	2008/11/24 12:53
S116	1	"6796510".pn.	US-PGPUB; USPAT	OR	OFF	2008/11/24 12:54
S117	895	222/318.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/26 10:15
S118	50	S117 and gear with pump	US-PGPUB; USPAT	OR	OFF	2008/11/26 10:25
S119	1157	222/135.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/26 10:28
S120	57	S119 and gear with pump	US-PGPUB; USPAT	OR	OFF	2008/11/26 10:28
S121	85	222/138.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/26 10:29
S122	650	222/137.ccls.	US-PGPUB; USPAT	OR	OFF	2008/11/26 10:48
S123	9	S122 and gear with pump	US-PGPUB; USPAT	OR	OFF	2008/11/26 10:48
S124	35	S117 and adhesive	US-PGPUB; USPAT	OR	OFF	2008/11/26 10:55
S125	82	S117 and gas	US-PGPUB; USPAT	OR	OFF	2008/11/26 11:02

11/26/2008 4:18:15 PM
C:\ Documents and Settings\ mhagedorn\ My Documents\ EAST\ Workspaces\ 10579848.wsp